

Converting Colors

CIELCh(76, 32.157, 94.491)

Have a look what the booklet for
CIELCh(76, 32.157, 94.491) contains.

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Color

CIELCh(76, 32.187, 94.470)

Conversions

Conversions Part 1

Format	Color
Hex	CCBB80
RGB	204, 187, 128
RGB Percent	80%, 73%, 50%
CMY	0.2003, 0.2670, 0.4983
CMYK	0.00, 0.08, 0.37, 0.20
HSL	47°, 43%, 65%
HSV	47°, 37%, 80%
XYZ	46.5222, 49.8872, 27.5719
YIQ	185.3570, 29.0710, -14.7450

Conversions

Conversions Part 2

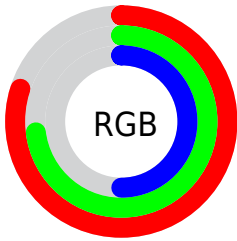
Format	Color
RYB	150, 204, 128
Decimal	13417344
CIELab	76.00, -2.51, 32.09
CIElCh	76, 32.187, 94.470
Yxy	49.8872, 0.3752, 0.4024
Android (android.graphics.Color)	4291607424 (0xFFCCBB80)
YUV	185.3570, -28.2770, 16.3499
Hunter-Lab	70.6309, -6.0323, 26.2968

Details

The CIELCh color **76, 32.187, 94.470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 33.442, 284.629**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.830, 99.279**, and **56, 32.168, 94.135** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.769, 93.208**, and if you desaturate by 10%, it is **78, 23.507, 95.716**.

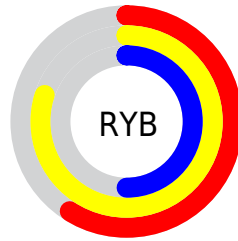
Distribution



Red (80%)

Green (73%)

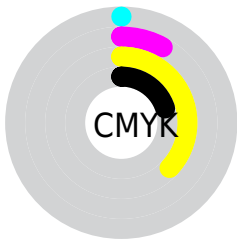
Blue (50%)



Red (59%)

Yellow (80%)

Blue (50%)

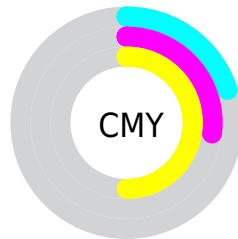


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 32.187, 94.470 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 32.187, 94.470 by changing the saturation by 10% instead.

■ 76, 32.187, 94.470

■ 76, 32.187, 94.470

■ 100, 32.187,
94.470

■ 66, 32.187, 94.470

■ 96, 32.187, 94.470

■ 56, 32.187, 94.470

■ 46, 32.187, 94.470

■ 36, 32.187, 94.470

■ 26, 32.187, 94.470

■ 16, 32.187, 94.470

■ 6, 32.187, 94.470

■ 0, 32.187, 94.470

■ 76, 32.187, 94.470

■ 76, 32.187, 94.470

75, 40.769, 93.208

78, 23.507, 95.716

73, 49.070, 91.919

79, 14.828, 96.926

72, 56.784, 90.601

81, 6.205, 98.089

70, 63.423, 89.234

82, 2.334, 279.331

69, 68.319, 87.767

84, 10.777,
280.367

68, 70.919, 86.123

86, 19.118,
281.407

68, 71.454, 85.663

87, 19.412,
277.104

88, 17.512,
270.044

90, 15.934,
261.494

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 32.187, 94.470



61, 33.442, 284.629

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 32.187, 94.470



76, 32.187, 144.470



76, 32.187, 274.470



76, 32.187, 324.470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 32.188, 94.474



98, 11.290, 97.646



62, 31.803, 5.220



52, 7.592, 97.487



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 32.188, 94.474



91, 46.561, 93.422



79, 40.451, 118.276



42, 4.852, 97.848



56, 61.333, 85.956



11, 17.083, 89.898

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 33.442, 284.629



70, 49.036, 286.405



58, 43.843, 303.371



40, 4.900, 280.109



24, 81.931, 301.394



3, 19.934, 286.194

Previews

White Background



This preview shows how the CIELCh color 76, 32.187, 94.470 looks on a white background.

Color Contrast Check

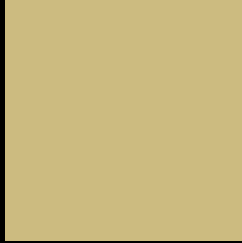
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 32.187, 94.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 32.187, 94.470

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.187, 94.470.



This preview shows how white text looks on a background with the CIELCh color 76, 32.187, 94.470.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76, 32.187, 94.470

Protanopia

76, 32.091, 95.198

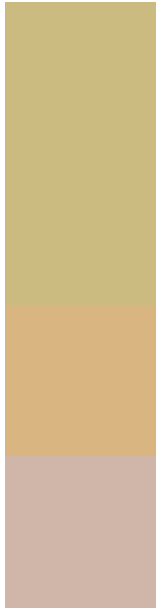
Deuteranopia

76, 32.743, 72.300



Tritanopia
76, 14.124, 348.514

Trichromacy



Original Color
76, 32.187, 94.470

Protanomaly
76, 32.091, 95.198

Deuteranomaly
76, 32.135, 80.237

Tritanomaly
76, 12.360, 54.217

Monochromacy



Original Color
76, 32.187, 94.470

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.023, 97.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.187, 94.470 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.187, 94.470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 187, 128) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(204, 187, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(204, 187, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.187, 94.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
187, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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